

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Amended Claims 1-12 (cancelled)

Claim 13 (new): A device for the interconnection of box-profile elements, comprising:

an at least substantially rigid first connection element provided with multiple first receptors for parts of multiple box-profile elements,

an at least substantially rigid second connection element adapted for cooperation with the first connection element, said second connection element being provided with multiple second receptors, corresponding to the first receptors, for parts of multiple box-profile elements, and

securing means coupled with the first connection element and the second connection element to secure the mutual connection of the first connection element and the second connection element, the securing means comprising at least one locking pin that is, at least partially enclosed by both connection elements, said locking pin being adapted for engagement on a side of the first connection element opposite to the second connection element and on a side of the second connection element opposite to the first connection element, wherein

at least a portion of an inner side of the first receptors and of an inner side of the second receptors is at least partially profiled, wherein the profiled part of the receptors is adapted for cooperation with a counter-profile making part of the box-profile elements.

Claim 14 (new): The device according to claim 13, wherein the effective length of the locking pin is adjustable.

Claim 15 (new): The device according to claim 14, wherein the locking pin is provided with at least one eccentrically rotatable element.

Claim 16 (new): The device according to claim 15, wherein the eccentrically rotatable element is provided with a handle.

Claim 17 (new): The device according to claim 16, wherein the handle is releasably coupled with the eccentrically rotatable element.

Claim 18 (new): The device according to claim 13, wherein the locking pin is provided with at least one cam.

Claim 19 (new): The device according to claim 13, wherein the locking pin is releasably coupled to at least one connection element.

Claim 20 (new): The device according to claim 13, wherein at least one connection element is provided with coupling means for coupling of the device to an external object.

Claim 21 (new): The device according to claim 20, wherein the coupling means are releasably connected to the associated connection element.

Claim 22 (new): An assembly of a device according to claim 13, and multiple box-profile elements, wherein the box-profile elements are clamped into the receptors of the device.

Claim 23 (new): The assembly according to claim 22, wherein the box-profile elements are located at least substantially in a single plane.

Claim 24 (new): A method for the interconnection of box-profile elements,
comprising the steps of:

- a) positioning of the ends of multiple box-profile elements in first and corresponding second receptors, at least a portion of the first receptors and second receptors being profiled at least partially, and
- b) clamping of the box-profile elements into a device having rigid first and second connection elements, by shortening the effective length of a locking pin to achieve a prestress between the first connection element and the second connection element.